

CLAIMS

What is claimed is:

- 5      1.    A system for device configuration, comprising:  
         device that transfers a request message via a  
         communication network;  
         configuration server that receives the request  
         message via the communication network and in response  
10      transfers a response message to the device via the  
         communication network wherein the response message  
         includes a set of configuration data for the device.
2.    The system of claim 1, wherein the request  
15      message comprises an HTTP POST command request.
3.    The system of claim 1, wherein the request  
         message comprises an HTTP GET command request.
- 20      4.    The system of claim 1, wherein the request  
         message includes a set of data obtained by the device  
         when performing a set of device behaviors.
5.    The system of claim 1, wherein the request  
25      message includes a heartbeat indicator for the  
         device.
6.    The system of claim 1, further comprising a  
         workstation that transfers the configuration data to  
30      the configuration server.
7.    The system of claim 6, wherein the configuration  
         server sets a configuration pending indicator when

the configuration data is received from the workstation.

8. The system of claim 6, wherein the configuration server transfers the configuration data to the device in the response message along with an acknowledgment to the request message if the configuration pending indicator is set and transfers the acknowledgment to the device otherwise.

9. The system of claim 1, further comprising a local network that enables communication among the device and a set of additional devices.

10. The system of claim 9, wherein the request message includes a configuration change message that indicates that a specified one of the additional devices has a set of pending configuration data on the configuration server.

11. The system of claim 10, wherein the device transfers the configuration change message to the specified one of the additional devices via the local network.

12. The system of claim 10, wherein the specified one of the additional devices obtains the pending configuration data by transferring an additional request message to the configuration server via the communication network.

13. A method for device configuration, comprising the steps of:

receiving the request message via the communication network and in response transferring a response message via the communication network wherein the response message includes a set of configuration data.

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20. The method of claim 19, further comprising the  
step of obtaining the pending configuration data by  
transferring an additional request message via the  
communication network.